

# PROPOSALS

For the Printing a Course or Body of PHILOSOPHY, according to the Principles of the Famous Renate Des Cartes, by the Learned Anthony Le Grand: Now carefully Translated into English by Good Hands, with Large Additions and Alterations by the said Author, and Printed in Folio, with an Illustration of about 100 Ornamental Sculptures; by Richard Blome, Dwelling near Clare-Market in New Weld-street, at the House with Green Pallisado-Pails; where Proposals are delivered and Subscriptions taken for the same, and where they may Inspect the said Work every Tuesday and Thursday in the Afternoons. The said Book will be Printed by Michaelmas Term, 1693.

**T**He Books of this Learned and much esteemed Anthony Le Grand, now to be published in English, are the Institution of PHILOSOPHY, the History of NATURE, and a Discourse of BRUTES: Which said Books have been so well received by the Learned, that several Impressions have been made and vended here in England, and in Foreign Countries. And now to this Great Work, the said Author for the publick Good has made such large Additions, as well as Alterations therein, that nothing material is wanting to make it an entire Body of Philosophy, and is rendered so facile as to be of use and delight to the meanest Capacities. And for the making this Work the more acceptable to the Curious, it shall be Illustrated with about 100 Sculptures dispersed through the Work, to such Chapters as best admit thereof; designed and drawn Historically by good Artists. And besides the said Ornamental Sculptures, there are great variety of Schemes, or Figures, for the Explanation of the Philosophical Parts that require the same.

An Account of the said WORK.

**A**ND forasmuch as PHILOSOPHY, the Subject of this Work is of so copious an extent, comprehending the Nature, &c. of all Things that the Mind of Man is capable of knowing: Therefore for the better satisfying of such as desire to be Subscribers, 'tis thought convenient to give a short Account of the principal Heads therein Treated of.

This Work is divided into Three BOOKS; The first, The Institutions of Philosophy: The Second, The History of Nature: And the Third, A Discourse of Brutes. The Institution is divided into 10 Parts, and those into several Chapters.

The First Part is of **Logick**, usually called the Organ or Instrument of all Philosophy, and treats, of the Obstacles to the attaining of Science, and how removed. Rules for attaining Truth: Nothing is admitted for Truth, which includes any Doubt. The various manners of Perception. Of the Five Universals examin'd: Of Substance, and its Affections and Attributes; and how it agrees to God, and the Creatures. The Genealogy of Things and Modes, Causes and Effects, Subjects and Adjuncts, of the distinctions, whence the natures and difference of Ideas are deduced. Of Judgment Absolute and Comparative. What a Proposition is, and how many sorts there are. Of Truth and Falshood. Of Propositions, Definitions, and Division. Of Reasoning or Argumentation. Of Syllogisms. Of Demonstration, Topical Syllogisms, and Sophistical. Of Places or Topics whence the Medium Term is fetch'd. Of Method, or orderly ranking our Thoughts. Of the general and special Method of Knowing. The Method of Composing; and Rules of Definitions and Axioms.

The Second Part treats of **Natural Theology**. First, What God is, and how known by us, which appears by the inborn Idea we have of him. That Existence doth necessarily belong to God, which is deducible from the contemplation of the Things of this World. Of Fate, and that it puts no force on the Will. Of Divine Attributes; and first of the Unity of God, that he is Eternal, Immenſe, not circumscribed in any one place; the most simple Being; that he is True, and can't deceive nor be deceived; that he is Supream and All-knowing; that he is Good, and doth Good; is Almighty, the Creatour and Governour of all things.

The Third Part; of **Created Spirits, Angels, and Demons**; and treats of the division of Created Beings. The Doctrin of Spirits. What the Nature of Angels is. Whether the Existence of Angels is demonstrable by the light of Nature. The Faculties of Angels, their Number, Distinction, and Subordination; and of their Care over Mankind and these inferiour Beings.

The Fourth Part: Of **Natural Philosophy** in General and treats of the Essence and Certainty of Natural Philosophy, The Existence of Material Bodies. Of the Nature of Matter or Body. Of the properties of extended Substance; its divisibility and impenetrability. The division of Matter into sensible and insensible Parts. The Threefold kind of Matter. That there are no material Forms in Bodies. Whether there be any Qualities or real Accidents. What intelligible Forms may be attributed to Natural things. The Nature of Rarefaction. The heaviness and lightness of Bodies. Of Place. The Nature of Motion. Of the Motions assigned to Nature's endeavouring to avoid a Vacuum. Of the simple and compound determination of Motion. Of Reflection, and Refraction. The force of Action and Resistance. The state of Bodies, as those hard and fluid. Their rarity and density, roughness, smoothness, &c. Of Duration, Time and Eternity.

The Fifth Part; Of **Special Natural Philosophy**, of the World and Heaven, and treats of the Unity and Perfection of the World; its Form, &c. That GOD is the efficient and conserving Cause of Matter, and Motion. The Action of Bodies, and the Communication of Motions. Of the Ptolomaick, Copernican, or Tychoonick Systems of the World, and of the true System of the Universe. That the Heavens are fluid Bodies, and of their different Motions. The Action and Motion of Celestial Matter. Of the Celestial Globe and its Circles. Of the Sun. Of Light and Refulgency. Of Comets. Of the Original and Affections of Planets. The Principal of the Planets motion; and of their station, direction, and retrogradation. Of the Moons motion, and its various Appearances. Of Eclipses of the Sun and Moon. Of the fixed Stars, and their Influences. And of Judicial Astrology.

The Sixth Part; Of the Four great Bodies, the Earth, Water, Air and Fire, and what mixt and compound Bodies proceed from them; of the Earth, and its Figure; that the Earth is moved by the fluid Heaven, which surrounds it. Of the Vicissitude of Day and Night, and the Seasons. Of the Zones, their Inhabitants, and the Climats. Of things generated in the Earth, as Fountains, Metals, Minerals, &c. The Productions of Stones common and precious. Of the Load-Stone, and its virtue. Of the Water, the Flowing and Ebbing of the Sea. Of the Air, and its Elastic force. Of Meteors, and first of the Wind. Of Rain, Dew and Hoar-frost; of Snow and Hail; Thunder and Lightning; of the Rainbow. Of Fire, and the Nature of Heat and Cold. Of its various effects, and amongst them of Earthquakes. Of the mixture of Bodies, as also of their Changes, viz. Generation, Corruption, Alteration, Augmentation and Diminution.

The Seventh Part; of **Living Creatures** in General, and in Particular of **Plants**. How Living Bodies differ from those without Life. That Bodily Life consists in heat and moisture, and that their Death proceeds from the contrary Principles of cold and dryness. Whence the hardness proceeds that is found in the outside of Living things. Of the diversity of Heat in Living Bodies. Of the virtue and nature of Food. That Living things are changed according to the diversity of Time and Place. Of Plants, as to their Original, Nutrition, Growth, Difference and Propagation, by Grafting, &c. their colour, taste, smell, &c. Of the diseases and death of Plants. Of Animals. Of the Soul of Brute Beasts, and what it is. Of Fourfooted Beasts and Creeping Things. Of Birds, Fish and Insects; and of the death of Animals.

The Eighth Part; of **Man**, with respect to his Body. The definition of MAN. The outward and inward Parts of Man's Body. The forming of the Birth in the Womb, the configuration of its Parts, and the vivifying or animation of the Compound.

How



How the Body is Nourished. How the Motions of the Heart, Arteries and Muscles in the Body are performed. Of the Circulation of the Blood. Of Respiration. Of the growth and decrease of Mans Body. Of its Temperaments, and different Ages. Of the Senses, viz. Feeling, Tasting, Smelling, Hearing and Seeing; of the Eye, of Colours, and how the Sight is performed. Of Watching and Sleep. Of Hunger and Thirst. Of the common Sense of Imagination and Memory. Of Health and Sickness; of Medicines in general, and of their Operations.

The Ninth Part; of MAN, considered with respect to his Mind; and that it is more evidently known than the Body. That the Mind is distinct from the Body, and that the same is Spiritual or Immortal. Whether there be any inborn Ideas in the Mind. Of its Faculties, viz. Understanding, Imagination, Will and Memory. Of the Affections or Passions of the Soul. In what part of the Body the Soul feels its Passions. Of the number and order of the Passions. Of Wonder or Admiration; of Love and Hatred; of Desire or Longing; and of Joy and Sorrow. Whence the Natural Inclinations and Aversions of some Men arise. Of the Immortality of Mans Mind, and its state after Death.

The Tenth Part, treating of Ethics, or Moral Philosophy, and the principal Parts thereof. What Good is, and how and why it is desired. That the good things of the Body do not conduce to the Happiness of Man. That outward Good things are not for his Good. What is the highest Good in this Life, and his ultimate End. Of Vertue in general. Of the Law of Nature and right Reason, and the Practical dictates thereof; of Prudence, Temperance, Fortitude and Justice. Of the usefulness of the Passions of the Soul; and of Admiration. Of Love and Hatred. Of the use of Desire, Joy and Sorrow. Of the government of the Passions. Of Mans Liberty; how they continue Free notwithstanding Gods Power. Of Human Actions. Of Man's Duty towards God, himself, and his Neighbour. Laws to be observed with respect to other Men. as to Bargains, Contracts, or the like. Laws that respect Speaking and Swearing. Of Dominion, and the Duties or Offices thence arising. Of the Duty of Married People; the like of Parents and Children, Masters and Servants. Of the Right of Dominion, and its different forms, viz. Monarchy, Aristocracy and Democracy. Of the Duties of Sovereign Lords, and the Duties of Subjects.

The Second BOOK, viz. the History of Nature, which illustrates the Book of the Institutions, and consists of great variety of Experiments relating to the several Parts thereof, and explained by the same Principles. This Book is divided into Nine Parts, and subdivided into several Articles or Heads. The First Part treats of Bodies, viz. an extended Body in general. Of Epicurus his Reasons for Vacuities, &c. Of Bodies divisible, rarified and dense, hard and fluid, rough and smooth, transparent and opaque, bent and compressed. The Second Part treats of Qualities, viz. of Heat, Cold, Gravity and Lightness; of Taste, of Smelling, of Sound, of Light, of Heat, and of hidden Qualities. The Third Part treats of the Earth and Heaven, viz. concerning the Beginning of the World; of the generation of Things, and the disposition of all its Parts; of the generation and corruption of Things; of Heaven, of the Sun, of fixed Stars, of the Moon; of Spots in the Sun, Moon, and fixed Stars; of Comets; of the production of Stars, and of Astrological Predictions. The Fourth Part treats of Earth, Water, Fire and Air; viz. of the Terrestrial Globe; of the Waters, and the properties thereof; of Fountains and Rivers; of the Sea, its Flux and Reflux; of Fire, of Earthquakes and subterranean Fires;

of Glass, of Ashes and Coals; and of the Air. The Fifth Part treats of Minerals and Metals, viz. of Metals in general; Mercury and Sulphur, of Salt, Gold, Silver, Tin, Lead, Brass and Iron; of the various generations of Stones; of Gems; and of the Load-Stone. The Sixth Part treats of Meteors, viz. of Vapours and Exhalations; of the Wind, of Clouds, Rain, Hail and Snow, Dew and Hazy; of Tempest and Thunder; of Lightning, of the Rainbow, of Fire and Air kindled; of Circles about the Moon, and of counterfeit or Mock-Suns. The Seventh Part treats of Plants, viz. their production and strength; their obvious and occult Qualities; their Sympathy and Antipathy; their Birth, Nourishment, Generation and Death. The Eighth Part treats of Animals, viz. of Animals begot; of Living Creatures produced from Seed; of Monsters; of the Birth of Animals; of Hunger and Thirst; of the Motion of the Heart, and Circulation of the Blood; of the Actions of Animals; of the aversion and agreement of Animals; of Sleep and Watchfulness; and of Diseases of Animals. The Ninth Part, which treats of Man, viz. of the Senses of Feeling, Tasting, Smelling, Hearing and Seeing; of Imagination, and Memory; of Dreams; of external Passions; and of the natural Inclinations and Aversions.

The Third BOOK, is a Treatise or Discourse of Brutes; giving a Mechanical Account of their Operations, &c.

The French for some years past have Printed their Books in their own Language, which has been a very great improvement to real Learning and Knowledge, even in the Female Sex, to their great commendation, and much to the Honour of the Nation; which Reasons may be sufficient for the Printing this Work in our Native Tongue.

And as this Work can't but be acknowledged by all, to be of great use for the advancement of real Learning, as well as Entertaining and Pleasant, so 'tis hoped Encouragement will not be wanting cheerfully to embolden the Undertaker, Richard Blome, to finish the same; wherefore he humbly tenders these Proposals.

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I. Those that please, for the Advancement of so good a Work, to Subscribe and pay to the said Richard Blome, or his lawful Assigns, by Writing under his Hand and Seal, 50 s. shall have one of the said Books in Sheets; 20 s. to be paid the said Richard Blome, when about half the Book is printed, upon the delivery of a Receipt under his Hand and Seal, and the remainder to be paid on delivery thereof in Sheets. And such as are curious in their Books, may have them of a finer sort of Paper gracefully Ruled and carefully Bound, paying the Charges thereof.

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